

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant	: Brownlie et al.
App. No	: 10/522,513
Filed	: June 22, 2006
For	: CANINE RESPIRATORY CORONAVIRUS (CRCV) SPIKE PROTEIN, POLYMERASE AND HEMAGGLUTININ/ESTERASE
Examiner	: Blumel, Benjamin P.
Art Unit	: 1648
Conf No.	: 3443

**AMENDMENT AND RESPONSE TO OFFICE ACTION****Mail Stop Amendment**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action mailed from the United States Patent and Trademark Office on December 19, 2008, please amend the above-identified application as follows:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 4 of this paper.